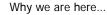
Building Your School Food Safety Program—Let's Get Started

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Iowa State University

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Child Nutrition and WIC Reauthorization Act of 2004

- The Reauthorization Act requires that, during the preparation and service of meals, the SFA comply with a HACCP system established by the Secretary of Agriculture. The law requires compliance with this requirement by July 1, 2006
- Schools shall obtain a minimum of two food safety inspections per school year conducted by a State or local governmental agency responsible for food safety inspections.

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Purpose of a HACCP based Food Safety Program

- 1. Ensure safe food for our kids.
- 2. Provide insight to operating efficiencies.
- By identifying where hazards can be introduced to food, we can reduce the potential for foodborne illness in our school children.

"HACCP works..." Dr. Dave Theno Quality Assurance Director for Foodmaker, Inc. home company of Jack-In-The-Box.

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Fair C

Hazard Analysis Critical Control Points

What is HACCP? "HAAS-SUP"

A systematic approach to identification, assessment, and control of food borne hazards.

First introduced by NASA and Pillsbury Corp. to ensure safe food during space missions.





What is HACCP?

HACCP is a "preventive" approach to food safety.

Programs are designed, operated, monitored, and verified to prevent human health hazards.

Responsibility for safety is placed upon the foodservice operator.

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A HACCP Approach Helps To:

Identify foods and procedures most likely to cause foodborne illness.

Develop procedures to reduce the risk of an outbreak.

Monitor processes to keep food safe.

Verify that food served is consistently safe.

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Advantages of HACCP

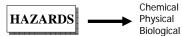
- · Improves control of food processes
- · Controls food cost
- · Reduces food waste
- Provides continuous self-inspection and self-improvement
- Helps with complaints and legal action
- · Complies with the law
- · Protects customers

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HACCP can prevent unsafe food from reaching our consumers

What causes food to be unsafe?



These hazards may be:

- specific to the type or preparation of the food or
- nonspecific and apply to ALL foods

Microbiological hazards are considered the biggest risk to food at all levels.

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Practices and procedures that ADD hazards to food

Cross Contamination

Poor personal hygiene

Storing raw meats with ready-to-eat foods

Poor equipment cleaning/sanitation

Improper Temperature Control

Not cooking food to adequate internal temps

Storing foods improperly (too warm or not hot enough)

Not chilling food rapidly (longer than 2 hours at room temp)

Failing to use thermometers

General practices

Inadequate cleaning and sanitizing

Improper chemical storage

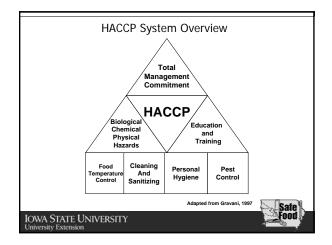
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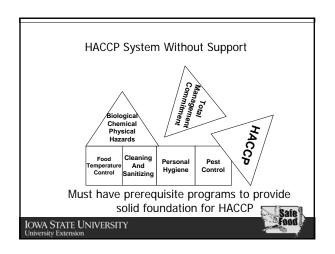
Requirements of the FOOD SAFETY PROGRAM

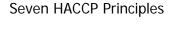
- Documented Prerequisite Programs (Standard Operating Procedures)
 - a. Sanitation
 - b. Temperature control
- 2. HACCP Plan
 - a. Documentation of menu items in appropriate categories
 - b. Documenting and monitoring critical control points
 - c. Establishment and documentation of corrective actions
 - d. Establishment of recordkeeping process
 - e. Reviewing and Revision





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- 1. Identify Hazards
- 2. Identify Critical Control Points
- 3. Establish Critical Limits
- 4. Establish Monitoring Procedures
- 5. Establish Corrective Actions
- 6. Establish Verification Procedures
- 7. Establish Record Keeping Procedures

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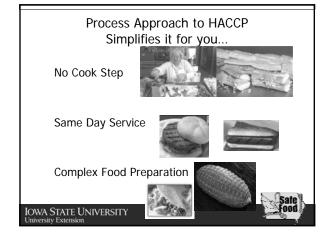
Components of a Process Approach to HACCP

- Prerequisite programming including development, documention & implemention of SOP's
- · Identify & document all menu items
- Identify Control Measures & Critical Limits
- · Monitoring procedures and documentation
- Corrective actions and documentation
- · Record keeping
- · Verify, review & revise

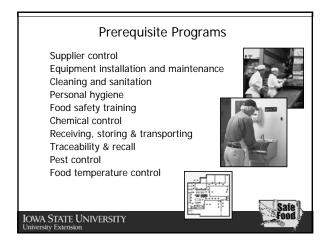
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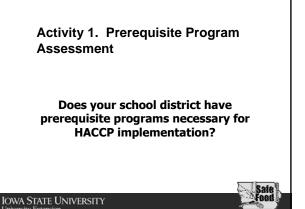


Basic Food Flow for Conventional Production Systems Menu Planning Purchasing Receiving Storing Preparing Cooking Holding Serving Preparing Reheating Safe Ooking Preparing Reheating



Prerequisite Programs Implement before HACCP can be effective Review and monitor regularly Document routinely Review and revise periodically





Develop, Document, and Implement SOP SOPs are the foundation of a School Food

SOPs are step-by-step written instructions for routine food service tasks.

Each SOP should include instructions on monitoring, documentation, corrective actions.

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Safety Program.

Safe Food Standard Operating Procedures, cont.

Adherence to SOPs allows employees to effectively manage, control, and prevent hazards.

Periodically review and revise SOPs.

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Standard Operating Procedures

Guidelines for how procedures will be performed in a foodservice operation:

Why

What

How

When Who

How verified

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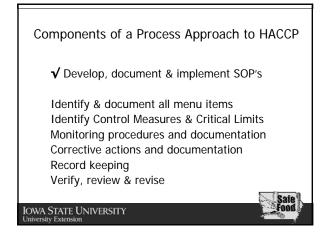


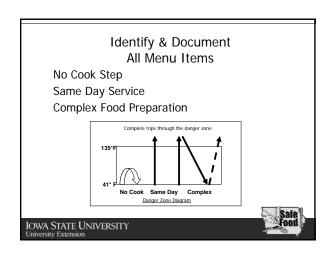
Activity 2. Standard Operating Procedure Checklist

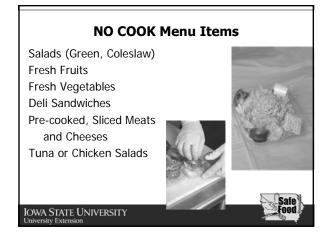
Does the school district have <u>written</u> standard operating procedures (SOP's) related to food safety?

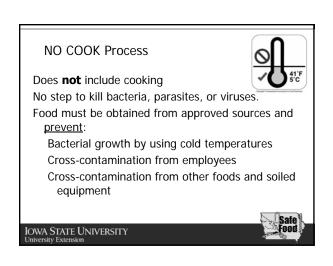
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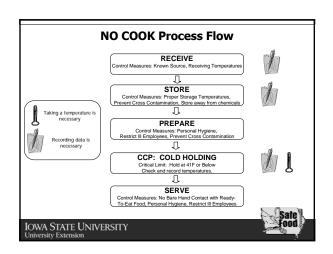


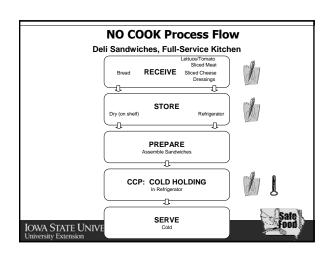




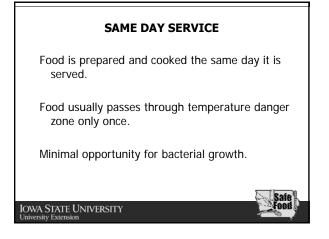


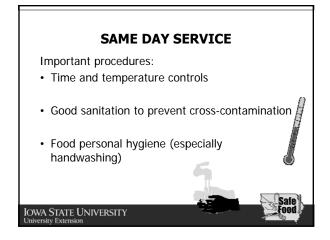


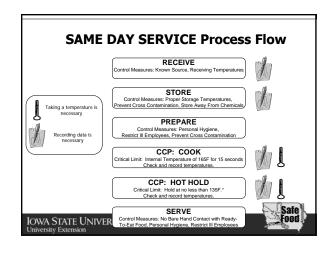


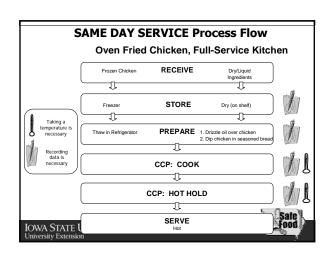




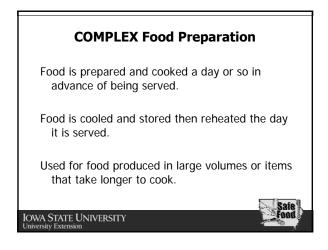




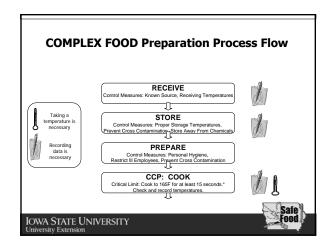


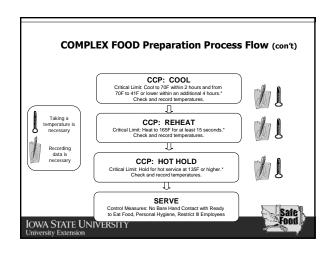


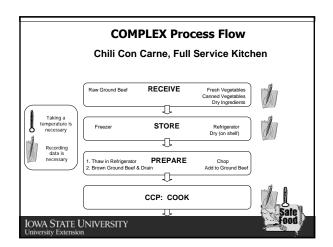


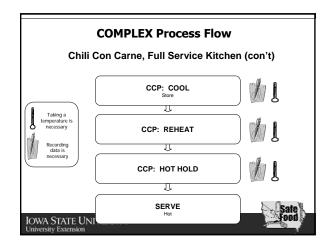












Activity 3. Menu Worksheet

Group menu items for your school into the three process categories:

- No Cook
- Same Day
- Complex

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Grouping Menus Example но соок SAME DAY SERVICE COMPLEX Three Bean Salad Oven Fried Chicken Chili Con Carne with Beans Pickle Spear All Beef Hot Dog Fresh Relishes with Dip Barbecued Pork Sandwich Chicken Noodle Casserole Applesauce Baked Beans Vegetable Beef Soup Coleslaw Little Smokies Turkey/Pork Gravy Apple Wedges Macaroni & Cheese Tossed Salad Fish Nuggets Cornbread Sliced Peaches IOWA STATE UNIVERSITY

Developing a Food Safety Plan

Program Description

School District

Description of Operation

Type of foodservice system

Number/Type of meals served

Menu

Staffing

Facility

Equipment

Purchasing

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Developing a Food Safety Plan

HACCP Team

Members

Responsibilities

Assessment

Prerequisite programs, including SOP

Current staffing, training

Food handling practices

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Developing a Food Safety Plan

Hazard Analysis

Flow charts

Identify and document all menu items

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Employee Orientation and Training Critical to building a Food Safety Program · Knowledge, skills, and motivation to prepare and serve safe food · Employees implement Food Safety Iowa State University

HACCP Compliance Overview

- •A written HACCP plan will need to be in every school building within a district.
- •A modified version of the "Process Approach" To HACCP will be the minimum required food safety system for School Food Authority's.
- •HACCP compliance will be included in the Coordinated Review Effort (CRE) and thus will be conducted by state reviewers.
- •The health inspection provision that calls for a minimum of two inspections per year will be a separate issue from the HACCP provision.

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HACCP Compliance Overview

- NFSMI will be conducting training sessions around the country utilizing the modified "Process Approach".
- Traditional HACCP plans may be used, and are likely to be needed in larger, centralized operations.
- · Emphasis will be on prerequisite programs.

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Additional Resources

National Food Service Management Institute

www.nfsmi.org

FDA Food Code

http://www.cfsan.fda.gov/~dms/fc01-up.html Iowa State University

www.schoolhaccp.org

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Additional Resources, cont.

School Nutrition Association www.schoolnutrition.org Coalition for Food-Safe Schools www.foodsafeschools.org

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